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Shaylor E. Dunn

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mehrotra et al.

Group Art Unit: Not Assigned

Serial No.: Not Assigned

Examiner: Not Assigned

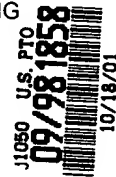
Filed: Herewith

Docket No.: 297/144/2

For: METHODS AND SYSTEMS FOR FAST PACKET FORWARDING

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231



Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the references as well as Forms PTO/SB/08A and PTO/SB/08B are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 6,243,720 to Munter et al. discloses an address translation method and system having a forwarding table data structure.

U.S. Patent No. 6,237,061 to Srinivasan et al. discloses a method for longest prefix matching in a content addressable memory.

U.S. Patent No. 6,223,172 to Hunter et al. discloses address routing using address-sensitive mask decimation scheme.

U.S. Patent No. 6,216,168 to Dev et al. discloses perspective-based shared scope address resolution method and apparatus.

U.S. Patent No. 6,212,184 to Venkatachary et al. discloses fast scaleable methods and devices for layer four switching.

U.S. Patent No. 6,212,183 to Wilford discloses a multiple parallel packet routing lookup.

U.S. Patent No. 6,192,051 to Lipman et al. discloses a network router search engine using compressed tree forwarding table.

U.S. Patent No. 6,181,698 to Hariguchi discloses a network routing table using content addressable memory.

U.S. Patent No. 6,173,384 to Weaver discloses a method of searching for a data element in a data structure.

U.S. Patent No. 6,157,955 to Narad et al. discloses a packet processing system including a policy engine having a classification unit.

U.S. Patent No. 6,154,446 to Kadambi et al. discloses a network switching architecture utilizing cell based and packet based per class-of-service head-of-line blocking prevention.

U.S. Patent No. 6,147,976 to Shand et al. discloses a fast network layer packet filter.

U.S. Patent No. 6,141,738 to Munter et al. discloses an address translation method and system having a forwarding table data structure.

U.S. Patent No. 6,128,664 to Yanagidate et al. discloses an address-translating connection device.

U.S. Patent No. 6,119,171 to Alkhatib discloses domain name routing.

U.S. Patent No. 6,081,440 to Washburn et al. discloses ternary content addressable memory (CAM) having east insertion and deletion of data values.

U.S. Patent No. 6,058,431 to Srisuresh et al. discloses a system and method for network address translation as an external service in the access server of a service provider.

U.S. Patent No. 6,052,683 to Irwin discloses address lookup in packet data communication networks.

U.S. Patent No. 6,018,524 to Turner et al. discloses scalable high speed IP routing lookups.

U.S. Patent No. 6,011,795 to Varghese et al. discloses a method and apparatus for fast hierarchical address lookup using controlled expansion of prefixes.

U.S. Patent No. 5,991,299 to Radogna et al. discloses high speed header translation processing.

U.S. Patent No. 5,983,223 to Perlman discloses a method and apparatus for determining a longest matching prefix from a dictionary of prefixes.

U.S. Patent No. 5,920,886 to Feldmeier discloses accelerated hierarchical address filtering and translation using binary and ternary cams.

U.S. Patent No. 5,787,430 to Doeringer et al. discloses variable length data sequence backtracking a trie structure.

U.S. Patent No. 5,598,410 to Stone discloses a method and apparatus for accelerated packet processing.

U.S. Patent No. 5,566,170 to Bakke et al. discloses a method and apparatus for accelerated packet forwarding.

Publication by Lampson et al. entitled "IP Lookups Using Multiway and Multicolumn Search," IEEE, pp. 1248-1256, (1998).

Publication by Waldvogel et al. entitled "Scalable High Speed IP Routing Lookups," ACM, pp. 25-36, (1997).

Publication by Degermark et al. entitled "Small Forwarding Tables for Fast Routing Lookups," ACM, pp. 3-14, (1997).

Early passage of the subject application to issue is earnestly solicited.

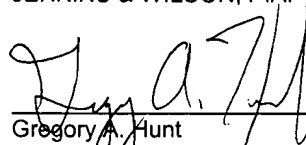
Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: Oct 18, 2001

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Enclosures



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PATENT TRADEMARK OFFICE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Assigned
				Filing Date	Herewith
				First Named Inventor	Pronita Mehrotra
				Group Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	1	of	2	Attorney Docket Number	297/144/2

J1050 U.S. PTO
09/08/05
10/18/01

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A	6,243,720		Munter et al.	06/05/2001	
	B	6,237,061		Srinivasan et al.	05/22/2001	
	C	6,223,172		Hunter et al.	04/24/2001	
	D	6,216,168		Dev et al.	04/10/2001	
	E	6,212,184		Venkatachary et al.	04/03/2001	
	F	6,212,183		Wilford	04/03/2001	
	G	6,192,051		Lipman et al.	02/20/2001	
	H	6,181,698		Hariguchi	01/30/2001	
	I	6,173,384		Weaver	01/09/2001	
	J	6,157,955		Narad et al.	12/05/2000	
	K	6,154,446		Kadambi et al.	11/28/2000	
	L	6,147,976		Shand et al.	11/14/2000	
	M	6,141,738		Munter et al.	10/31/2000	
	N	6,128,664		Yanagidate et al.	10/03/2000	
	O	6,119,171		Alkhatib	09/12/2000	
	P	6,081,440		Washburn et al.	06/27/2000	
	Q	6,058,431		Srisuresh et al.	05/02/2000	
	R	6,052,683		Irwin	04/18/2000	
	S	6,018,524		Turner et al.	01/25/2000	
	T	6,011,795		Varghese et al.	01/04/2000	

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	Not Assigned
		Filing Date	Herewith
		First Named Inventor	Pronita Mehrotra
		Group Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	297/144/2
Sheet 1	of 1		

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